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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/064,524	07/24/2002	Yuang-Wei Lai	7359-US-PA	6637

31561 7590 10/27/2003

JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE
7 FLOOR-1, NO. 100
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EXAMINER

COLON, GERMAN

ART UNIT PAPER NUMBER

2879

DATE MAILED: 10/27/2003


Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/064,524

Applicant(s)

LAI ET AL. 

Examiner

German Colón

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☒ Claim(s) 1 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 0602.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Objections

1. Claim 1 is objected to because of the following informalities:

The term "coasted" in line 9 seems to be a typographical error. For the purpose of examination it was interpreted as "coated".

Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-31 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 1, claim 1 recites the limitation "the mass production encapsulation system" in lines 8-9. There is insufficient antecedent basis for this limitation in the claim.

Regarding claims 2-8, claims 2-8 are rejected for the reasons stated in claim 1 because of their dependency status from claim 1.

Regarding claim 5, claim 5 is dependent on itself.

Referring to claim 9:

Claim 9 recites the limitation "the panel" in line 5. There is insufficient antecedent basis for this limitation in the claim.

Claim 9 recites the limitation "the mass production encapsulation system" in lines 8-9. There is insufficient antecedent basis for this limitation in the claim.

Claim 9 refers to a panel supply system to supply a cover plate, however, the cover plate is supplied by a cover supply system.

Regarding claims 10-16, claims 10-16 are rejected for the reasons stated in claim 9 because of their dependency status from claim 9.

Regarding claim 17:

Claim 17 recites the limitation "the first dispensing system" in line 7. There is insufficient antecedent basis for this limitation in the claim.

Claim 17 recites the limitation "the second dispensing system" in line 8. There is insufficient antecedent basis for this limitation in the claim.

Claim 17 recites the limitation "the first stage exposure" in lines 16-17. There is insufficient antecedent basis for this limitation in the claim.

Regarding claims 18-24, claims 18-24 are rejected for the reasons stated in claim 17 because of their dependency status from claim 17.

Referring to claim 25:

Claim 25 recites the limitation "the turning/storage system" in line 8. There is insufficient antecedent basis for this limitation in the claim.

Claim 25 recites the limitation "the second stage exposure" in line 16. There is insufficient antecedent basis for this limitation in the claim.

Regarding claims 26-31, claims 26-31 are rejected for the reasons stated in claim 25 because of their dependency status from claim 25.

Allowable Subject Matter

4. Claims 1-31 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action.

5. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claims 1, 9, 17 and 25, the references of the Prior Art of Record fail to teach or suggest the combination of the limitations as set forth in claims 1, 9, 17 and 25, and specifically comprising the limitation of “an encapsulation equipment comprising: a lamination/ultraviolet radiation system; a second ultra-violet radiation system and an atmosphere control system”.

Prior Art of Record

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Hayashi et al. (US 6,350,316) discloses an apparatus for forming coating film comprising process section for applying a series of processes for forming a coating film to a substrate, and a common transfer mechanism for transferring a substrate in the process section, a coating unit for applying a coating solution, an aging unit for changing the coating film formed in the coating unit, a curing process unit for heating and cooling the substrate under an atmosphere low in oxygen concentration, thereby curing the coating film, and a heating unit for heating the coating film formed on the substrate.

Sung et al. (US 6,372,042) discloses a system for processing semiconductor wafers.

Davis (US 6,113,694) discloses a substrate treatment apparatus comprising a coating assembly.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to German Colón whose telephone number is 703-305-5987. The examiner can normally be reached on Monday thru Friday, from 8:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on 703-305-4794. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

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Kenneth J. Ramsey
KENNETH J. RAMSEY
PRIMARY EXAMINER